#### STATE OF CALIFORNIA

#### CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

**Base Year Modification Request Certification** 

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board Office of Local Assistance 1001 | Street, 9th Floor PO Box 4025 Sacramento, CA 95812-4025

Conoral	Instructio	ne.
Ceneral	HISHUGER	шъ.

Please select the ONE choice below that best explains your request to the Board.

1. Use a recent generation-based study to calculate our current reporting-year generation amount, but not officially change our existing Board-approved base year.

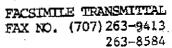
2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative.

Section I: Jurisdiction Information an	id Certificat	tion				
All respondents must complete this section.						
I certify under penalty of perjury that the info knowledge, and that I am authorized to mak	ormation in the e this certific	nis doc ation o	ument on beh	t is true and c alf of:	orrect t	o the best of my
Jurisdiction Name		Count	у		. —	
CITY OF LAKEPORT		LAK				
Authorized Signature		Title		CITY ENG	INEER	
mr Stevens						
Type/Print Name of Person Signing		Date	Ana	6,2001	Phone (	<u>`</u>
M. K. STEVENSON		T		, ,	(707) 2	63-5614
Person Completing This Form (please print or type)		Title		ADMINIST	RATIVE	ASSISTANT
IREHNE E. DISHMAN			*			
Affiliation: CITY OF LAKEPORT						
Mailing Address		City		State		ZIP Code
225 PARK STREET	LAKEPORT			CALIFORNIA		95453
E-mail address	<u> </u>			1		

#### CITY OF LAKEPORT

Over 100 years of community pride, progress, and service





DATE: 12-13-0/
TIME: 0934
FIIE: 707 —
ORIGINATOR: Mike Stevenson PHONE NO. 263-57614
DETIVER TO:
Company Name: CIWMB  Attention: Betty Fernandez
Attention: Detty Ternange
Address:
Facsimile number: 916 - 319 - 7-310
Telephone number:
Number of pages in the transmission, including this cover sheet:
If you experience any problems with the material received, please contact the FAX originator at the telephone number listed above.
If the box is checked, a confirming copy will be sent by regular or express mail. $\Box$
**************
Message: are two corrected
sheets for the 1999 report.

Section II: Information for New Generation-Based	Study for Existing or New Base Year
	each response to the appropriate cell number (e.g., 4).
Note: New base years must be representative of a ju	risdiction's disposal and diversion.
1. Current Board-approved existing base-year:	Proposed new generation-based study year:
1990	1999
1	representative of average annual jurisdiction disposal and diversion:
in regard to the amount of material disposed of, there	is currently a more accurate determination being made of the weight

In regard to the amount of material disposed of, there is currently a more accurate determination being made of the weight from the Transfer Station because of correlation with the AMFAB data; also there is more accurate origin accounting because of the quarterly origin monitoring program conducted by the City. In regard to the amount of materials being diverted, a more accurate accounting is being made that identifies diversions that were previously not counted.

Diversion rate calculated using		Diversion rate calculated using new	7	
existing base year	a. 18.5%*	generation-based study	b. 42,6	%
For existing base year pounds/person/day based on generation	8.4	For new generation based study pounds/person/day based on generation	11.5	
Residential Non-Residential generation 60 % Generation		Residential Non-Residential Solution Solution Solution Solution Solution Residential Non-Residential Non-Resid	ential	est.
Population existing generation-based s				4,583

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.

The City of Lakeport is a commercial center for Lake County. The 1990 Base Year Data did not take into account all the wastes generated and diverted by businesses not using the Franchise Services or public diversion opportunities that were available at the time. The increase in the ibs/person/day reflects the large commercial volume of wastes that are generated; private diversion efforts, driven by economics, are chiefly responsible for the large amounts and high percentages of materials being diverted by private businesses.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

Reasons for the diversion difference include: 1) waste origin errors, 2) inaccurate disposal quantity amounts, 3) inaccurate waste generation amounts, 4) more accurate assessment of the quantity of materials diverted, and 5) improved diversion programs.

\*4.a. Diversion rate = 
$$100\% \left(\frac{1-5509}{6763}\right) = 18.5\%$$

# Section II: Information for New Generation-Based Study for Existing or New Base Year Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4). Note: New base years must be representative of a jurisdiction's disposal and diversion. 1. Current Board-approved existing base-year: 2. Proposed new generation-based study year: 1990

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

In regard to the amount of material disposed of, there is currently a more accurate determination being made of the weight from the Transfer Station because of correlation with the AMFAB data; also there is more accurate origin accounting because of the quarterly origin monitoring program conducted by the City. In regard to the amount of materials being diverted, a more accurate accounting is being made that identifies diversions that were previously not counted.

	5 <b>%</b> *	generation-based study	b.	42.6	%
For existing base year pounds/person/day based on generation 8.4	•	For new generation based study pounds/person/day based on generation		11.5	7
Residential Non-Residential generation 60 % Generation 40	%	Residential Non-Residential Seneration 60% est. generation		40%	est.

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.

The City of Lakeport is a commercial center for Lake County. The 1990 Base Year Data did not take into account all the wastes generated and diverted by businesses not using the Franchise Services or public diversion opportunities that were available at the time. The increase in the lbs/person/day reflects the large commercial volume of wastes that are generated; private diversion efforts, driven by economics, are chiefly responsible for the large amounts and high percentages of materials being diverted by private businesses.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

Reasons for the diversion difference include: 1) waste origin errors, 2) inaccurate disposal quantity amounts, 3) inaccurate waste generation amounts, 4) more accurate assessment of the quantity of materials diverted, and 5) improved diversion programs.

\*4a. Diversion rate = 
$$100\% \left( \frac{1-5509}{6763} \right) = 19.5\%$$

7. D	7. Disposal Tonnage: (enter values)	3691	1818	5509
	!	Residential	Non-Residential	Total
Plea	Please select the ONE choice below that best explains your disposal data and complete the required tables.	your disposal dat	ta and complete the required tables.	
	a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)	al Reporting Syste	m (No explanation required. Go to Section 8.)	
	b. All tons claimed are from a 100 percent audit or	of hauler and self	-haut tonnage. (Please complete Reporting Year Tonn	b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at http://www.ciwmb.ca.gov/lgcentral/forms/rytmdrq.doc
	c. Some Disposal Reporting System data were c	corrected. (Piease	complete Reporting Year Tonnage Modification Requ	c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at http://www.ciwmb.ca.gov/lgcentral/forms/rytnmdrq.doc)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. (Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested). Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, [agricultural wastes, inert solids (e.g., concrete, asphalt, dirt, etc.), white goods, and scrap metall please identify those programs/waste types and fill out section 10. Please mark as Attachment 8 all copies of survey forms.

\*Please provide detailed Non-Residential waste information in Section 9.

\*Please provide detailed non-Residential waste audit information in Section 9.

Note: The Board has indicated that it	will be scrutin	nizing total sour	ce reduction amounts greater than 5% of total gene	Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details subsantiating your claim.	subsantiating your claim.
Diversion Activity	Actual tons	Relative Percent to Total Generation	Relative Percent to Specific material type(s) {List operation w/multiple materials in Total Generation	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at:	€	(A/Total Generation)			
/codes/reduce.htm					
Residential Activities:					
Source Reduction					
Backyard composting					
Grasscycling		0.0%			
Other Residential source reduction (list each program separately)	list each prog	ıram separately)			
Thrift Store				dy Guide 1999 04 sq. ft. per year and 53.2	
	434	4.5%	misc. items and fumiture	tons per year	CIWMB
Yard Sales	63	%2.0	misc. items	Diversion Study Guide 1999 .35 tons per garage sale	CIWMB
		%0.0			
	-	%0.0			
Enter program name		%0:0			
Subtotal Residential Source					
Reduction	497	5.2%			
Recycling					
Curbside Recycling	763	7.9%	CRV, cardboard, paper	Actual Weights	Lakeport Disposal - printouts from owner
Buyback centers	786	%U <del>3</del>	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		Timeberline Recycling & Private Recycler - Owner's
Drop off contare	200	0.0.0		Acidal Weights	Necolus, receipts and logs, are stored on premises
Diopoli celliera					

Diversion Activity	Actual tons	Relative Percent to Specific material Total Generation	Specific material type(s) [List operation w/multiple materials in one box]	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: http://www.ciwmb.ca.gov/lgcentral/paris/codes/reduce.htm	€	(A/Fotal Generation)			
Other Residential recycling. (list each program separately)	ch program s	eparately)			
					n della min
Enter program name					71
Enter program name					
Enter program name				The first of the f	
Subtotal Residential Recycling	1248	13.0%		TO THE PARTY OF TH	
Composting					
Green waste drop-off					
Curbside green waste	30	0.3%	Greenwaste	Actual Weights	Lakeport Disposal - printouts from owner
Christmas Tree program					
Other Residential composting (list each program separately)	ch program	separately)			
Buy Back Center	27.1	2.8%	Greenwaste	Actual Weights	Timberline Recycling Records
Enter program name				ARTHUR III.	
Enter program name					
Enter program name			The section of the se		
Subtotal Residential Composting	301	3.1%			
Subtotal Residential Diversion	2046	21.2%			
Non-Residential Activities:					
CONTRACTOR ACCORDED	976	7000		4 · · · · · · · · · · · · · · · · · · ·	
Non-Residential waste Audits Other non-Residential source reduction (list each program separately)	on (list each	program separa	itely)	See Dection 9	See Section 9
Enter program name					
Enter program name				Militaria de la companya del companya de la companya del companya de la companya del companya de la companya de la companya de la companya del companya de la companya dela companya de la companya dela companya dela companya de la c	
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Source Reduction	279	2.9%			
To the William II.					Property in the state of the st

# 9. Specific Non-Residential Sector Waste Audits-Top 10 Non-Residential Generators

on total diversion tens. Audit reference number ties to your audit sheets Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based ONGION

(Form will perform all addition calculations).

Please provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) form(s) used. diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey

			Grocery Store 57	Retail Sales 17	Public Agency 46		Grocery Store 45	Public Agency 37		Public Agency 10	Department Store 32				Grocery Store 6					Grocery Store 71		Retail Sales 72	Generator	dential
То			7	7	3		V	,													i		Number	Audit
Totals	oil and animal parts to rendering.	donations, OCC recycled, cooking	Food waste for animal food or	OCC recycling	Grass clippings to mulch pile.	or donated.	OCC recycling, food waste returned	Straw to mulch pile.	pile.	Grass clippings and leaves to mulch	OCC recycling		oil and animal parts to rendering.	donations, OCC recycling, cooking	Food waste for animal feed on	composting.	parts to rendering, waxed OCC to	recycling, cooking oil and animal	donations, OCC recycling, plastic	Food waste for animal feed or	recycled.	Old appliances repaired and sold or	(e.g. paper recycling, grasscycling). (List activities on one line)	Specific/Major Diversion Activities
193.8	3.3			0	D	2,9		0	0		0	80,6				81.0	·				26.0		Tons	Source
904.6	47.4			62,4	0	80,6		0	0		254.8	238.0				195.4					26.0			Recycling
425.7	0			0	109.2	0		159.7	82.7		0	0				74.1					0			Composting
1524.1	50.7			62.4	109.2	83.5		159.7	82.7		254 .8	318.6				350.5					52.0			Total Diversion
15.87%	0.53%			0.65%	1.14%	0.87%		1.66&	0.86%		2.65%	3.32%	•			3.65%	·			-	0.54%		Diversion Tons/Total Generation in Spection 8)	Generation (Total
			0	P	0		0	O		0	70				0		-		•	0		0	Mail (M) On-site (O) Other	Survey Method

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources. (e.g. Cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business)

# **4999 SOLID WASTE DIVERSION AUDIT**

# Quantification Methodology

- Cardboard is picked up from the businesses' scavengers. In some cases the actual weight of cardboard was provided depending on the business. The business managers know the weight of a bale and the average number of bales that are produced over a given period of time. 1. Cardboard – Each of the major businesses has its own cardboard baling machine; there is no standard bale size and the bale weights vary from 300 lbs to 800 lbs
- daily by animal growers 2. Green Food Wastes – The weights of green food wastes and the frequency of generation are estimated by the store managers. The wastes are picked up almost
- which is a number provided by the Diversion Study Guide. Cooking oil is picked up by a rendering company 3. Cooking Oil – The cooking oil volumes and frequencies of generation are provided by the store managers. The volume is converted to a weight by using 7.45 lbs/gal
- 🄼 Bones and Fat The weight of bones and fat generated over a specific period of time is estimated by the store manager. Bones and fat are picked up by a rendering
- needy customers, used for animal food, and even sold to discount outlets 5. Dated Foods and Food in Damaged Containers – The weights of the dated/damaged foods are estimated by the store managers. These items are donated, given to
- weights by using conversion factors provided in the Diversion Study Guide. The following conversion factors are used: 🤃 Grass, Straw, and Leaves – The weights for these materials are based on recorded volumes or by estimates of business managers. The volumes are converted to

Straw in bales 24 lbs/ft3
Grass clippings 280 lbs/yd3
Leaves 343.7 lbs/yd3

to be conservative with the estimated average unit weight, and 4) the experience of the manager. selected because 1) of the number of refrigerators involved (refrigerators are heavy), 2) a review of appliance weights shown in the Diversion Study Guide, 3) the need Appliances – The numbers of appliances and the frequency of generation were provided by the store managers. An average weight of 100 lbs per appliance was

General Note: All reported quantities and weights along with the name of the person providing the data are documented on the survey forms that were filled out when the generators were surveyed

- **10**. For each restricted waste type [i.e., agricultural waste, inert solids, (e.g. concreter, asphalt, dirt, etc.) scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following information:
- a. If the diversion program started on or after January 1, 1990, complete the following table. (Note: program name refers to one specific diversion program for that waste type; (e.g., diversion conducted by City Public Waste Dept).

Restricted Waste Ty	Specific Program n	ame Year started	Tonnage
Pull Down for Waste Types			
Scrap Metal	Franchise and private haulers collect and se	l in the Bay Area. 1996	271
White Goods	Some repaired & resold; some hauled to Bay	Area & sold as scrap 1992	88
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types	* * :		

<b>b.</b> If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, pi	rovide the
following documentation: (Note: If documentation for a waste type and program has already been approved	by the
Board, you do not have to provide an attachment 10b for that waste type and program.  Instead please provide date of Board approval of preciously submitted information.	(Date)
If documentation is not available, go to 10d.	

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is applicable to the entire jurisdiction, not to individual programs [PEC Sec. 41781.2 (c) (2)]). Please include documentation.
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Respection and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Ty	pe	Specific Program Name	New base year or reporting year diversion tonnage
Pull Down for Waste Types	▼		
Pull Down for Waste Types	_		
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		
Pull Down for Waste Types	-		

**d.** If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (*Note*: Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.)

Restricted Waste Type	Specific Program name	New base year or reporting year tonnage	1990 diversion tonnage	Difference
Pull Down for Waste Types	<b>V</b>			
Pull Down for Waste Types	▼			
Call Cown for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	<b>▼</b> [			
Pull Down for Waste Types	▼			

## City of Lakeport Origin Survey - 1999

Agenda Item 48 Attachment 2a (Revised)

Page 1

81 Bank	36 Bank	3 Bank	3 Bank	3 Bank	59 Buy Back Center 66 Curbside	Confidential 6 Service Provider	50 Retail Sales	50 Retail Sales	46 Public Agency	71 Grocery Store	71 Grocery Store	6 Grocery Store	6 Grocery Store	37 Fair Grounds	10 City of Lakeport	10 City of Lakeport	Type of Generate
													: 				Category Source
Non residential	Non residential	Non residential	Non residential	Non residential	Residential Residential	Non residential	Non residential	Non residential	Non residential	Non residential	Non residential	Non residential	Non residential	Non residential	Non residential	Non residential	Residential/Non Residential
paper	paper	records	paper		greenwaste	greenwaste	plants	paper	greenwaste	coded boxes		stale bread	food & damaged containers	hay	grass		אַ אַבּוּיִבּי לעטף
shredded, recycled	shredded, recycled	shredded and recycled	back hauled and recycled	back hauled and recycled	hauled to Napa, composted, sold to Napa agribusiness composted	off site composting	back hauled, composted	collected and shredded, composted	composting facility	backhauled for composting	back hauled, shredded and composted	back hauled, composted	back hauled, composted	Government mulch program - greenwaste Composted	gov. composting program - mulch compost pile	gov. composting program - mulch compost pile	Diversion Activity
Recycled	Recycled	Recycled	Recycled	Recycled	Composted	Composted	Composted	Composted	Composted	Composted	Composted	Composted	Composted	Composted	Composted	Composted	Sort by Activity
estimate from the Diversion  0.1 Study Guide 1999	(conservative side) Diversion 0.8 Study Guide 1999	0.5 manager's estimate 77 lbs per gallon	0.9 manager's estimate	0.1 manager's estimate	actual weights by Timberline percentage was taken for 271.4 Lakeport 29.5 Actual weights	10.4 Diversion Study Guide 1999	0.2 manager's estimate	1.2 manager's estimate	6 months per year 1999 109.2 Diversion Study Guide	72.8 estimated by the store	1.3 estimated by the store	18.2 owner's estimate	7.8 owner's estimate	Diversion Study Guide 1999 159.7 baled hay	280 lbs per cubic yard 9.8 Diversion Study Guide 1999	343.7 ibs per cubic yard for dry leaves Diversion Study 72.9 Guide 1999	Conversion factor and Weight Source (in the actual weight was used thanks)
20 lbs a month	40 gallon can a week for paper	21 - 30 boxes per year 40 lbs per box	8 lbs per bag 160 lbs per month	32 gallons per month 15 lbs per month		74 cubic yds per year 280 lbs per cubic yard	20 lbs per week 16 weeks per year	200 lbs per month	30 cubic yards per week at 280 lbs per cubic yard	400 lbs per day	ba	700 lbs a week	300 lbs a week	493 cubic yards per year 24 lbs per cubic foot	424 cubic yards of grass	70 cubic yards of leaves	wuardfication d. methodology used to calculate weight

## City of Lakeport Origin Survey - 1999

	88 Restaurant			68 Restaurant	CT INCOMPLIANT	64 Restaurant	64 Restaurant	38 Printing Business	71 Grocery Store	71 Grocery Store	71 Grocery Store	71 Grocery Store	57 Grocery Store	57 Grocery Store	57 Grocery Store	45 Grocery Store	6 Grocery Store	6 Grocery Store	6 Grocery Store		18 Gas Station	53 Restaurant	STRESIAUTATI	Fast Food	7 Restaurant	Confidential 5 Fast Food	Type of Ref. # Generator Category
											:										10 mm						Source
Non residential	Non residential		* 1	Non residential	140111Coloculadi	Non residential	Non residential	Non residential	Non residential	Non residential	Non residential	Non residential	Non residential	Non residential	Non residential	Non residential	Non residential	Non residential	Non residential		Non residential	Non residential	Non residential		Non residential	Non residential	Residential/Non Residential
cooking oil	cooking oil			cooking oil	· cooning on	cooking oil	plastic buckets	plastic	& fat	cooking oil	plastic	cardboard	waste		cardboard	cardboard	cooking oil	bones and fat	cardboard		scrap metal	used cooking oil	TOOD OIL	-	cooking oil	cooking oil	n Material type
rendering	rendering			rendering	Ringfoor	recycling	recycling	sold to recycler	rendering	rendering	back hauled, recycled Recycled	back hauled, recycled	rendering	rendering	back hauled, recycled Recycled	pickup recycled	rendering	rendering	recycled	back hauled and	recycled	rendering	rendering	•	rendering	rendering	Diversion Activity
Recycled	Recycled		V	Recycled	1 voly olou	Recycled	Recycled	Recycled	Recycled	Recycled	ed Recycled	ed Recycled	Recycled	Recycled	ed Recycled	Recycled	Recycled	Recycled	Recycled		Recycled	Recycled	Recycled	-	Recycled	Recycled	y Sort by Activity
0.2	1.2			1.8		<u>م</u>	0.2	2.3	31.2	3.5	4.6	156	3.9	1.9	41.6	80.8	2.9	6.5	228.8		0.6	6	7.6	·	2.4	1.3	Weight (in tons)
0.2 business estimate	Diversion Study Guide 1999			1.8 1999	7.45 Diversion Study Guide	1999 Diversion Study Guide	1.9 white bucket Diversion Study Guide 1999	2000 negatives and 1000 2.3 plates weigh 2 ounces each	31.2 estimated by the store	7.45 Diversion Study Guide 3.5 1999	4.6 estimated by the store	156 estimated by the store	3.9 store estimate	Diversion Study Guide 1999  1.9 cooking oil	41.6 owners estimate	80.8 actual tons	2.9 owner's estimate	6.5 owner's estimate	228.8 owner's estimate		0.6 manager's estimate	6 business estimates	1.6 manager's estimate	•	2.4 manager's estimate	1.3 Study Guide 1999	Conversion factor and Weight (in source (if the actual weight was used tons)  please note that.)
35 lbs per month	7.45 lbs per gallon	by husiness) a year	مادر مادر مادر مادر مادر		40 gals/mo estimated	100 gallons a month	4.5 buckets 9 lbs a week	400 lbs per month film negatives and plates	1200 lbs a week	80 gallons per month	175 lbs a week	2,300 LB bales per week	150 lbs per week	74 lbs per week	16,00 lbs per week	:	60 gallons a month (8 lbs a gallon)	250 lbs a week	to Timberline	11 - 800 lb bales a	100 lbs a month of car parts	250 lbs a week	60 lbs per week		400 lbs a month	months	-

### City of Lakeport Origin Survey - 1999

						המיינים ביינים ב	Quantification
		Resi and all/Non				(in source (i	method ಾತ್ರಾವರ್ಧದ
Net. #	category	Post Solding	Material type	Diversion Activity	A1	Diversion Study Guide 1999	to call, a to think
84 B Restaurant		Non residential	cooking oil	rendering	Recycled		30 gallons per month
				recycled (goes to	-		
26 Retail Sales		Non residential	scrap metal	limberline)	Recycled	2 manager's estimate	5 cubic yards per year
32 Retail Sales		Non residential	cardboard	back hauled, recycled	Recycled	254.8 manager's estimate	ber week
50 Retail Sales		Non residential	cardboard	recycled		)re	1000 lbs per week
	-				-		
				plastic buckets	-		
				collected and			
				shredded, recycled at			
50 Retail Sales		Non residential	plastic	the transfer station	Recycled	0.1 manager's estimate	20 lbs per month
			scrap metal	deducted from #59		200 lbs per appliance Diversion Study Guide 1999	
61 Retail Sales		Non residential	(appliances)	adjusted recycled	Recycled	21 (conservative average)	17.5 a month
				A CAMADA (A PROPERTY OF A PROP		s per appliance by	
67 Retail Sales		Non residential	white goods	recycled	Recycled	7.5 owner	10 per month
		:		sold to salvager,	-		To per week Too ips
/ Z Retail Sales		Non residential	used appliances	Tecycled	Necycled	TO SIGHT CONTINUES	
			200	rowding		n 3 Diversion Study Guide 1000	2 cubic yds a week at
Collingering 1 1 Colon Colors		14On Coloculati	Calaboaia	Rundon	1000		48 cubic foot bin
	<u></u>						picked up 3 times a
		Non residential	scrap metal	hy a recycler	Recycled	1 5 Diversion Study Guide 1999	Cilbic yard
Collinge International College		THORITICAL TOPIC	scrap metal -	recycled - picked up	rooyoroo		20 gallons a year at
Confidential 1 Retail Sales		Non residential		by a recycler	Recycled	0.7 estimated by owner	70 lbs per gallon
			The state of the s	recycled - picked up			
Confidential 10 Retail Sales		Non residential	scrap metal	by a recycler	Recycled	1.2 estimated by owner	200 lbs per month
Confidential 4A Retail Sales		Non residential	scrap metal	recycled	Recycled	0.1 store estimate	200 lbs per year
			scrap metal -				50 lbs per month 10 at
61 Retail Sales		Non residential	range hoods	sold to salvager	Recycled	0.3 manager's estimate	5 lbs
17 Retail Store		Non residential	cardboard	back hauled, recycled Recycled	Recycled	62.4 manager's estimate	4/600# bales/week
			scrap metal			<b>7 7 7 7 7 7 7 7 7 7</b>	40E boo month
ol Retail Store		Nori residentiai	wheel weights	recycled	Recycled	o./ business estimates	100 be avenuthree
14 Service Company		Non residential	paper	shredded, recycled	Recycled	0.9 manager's estimate	weeks of documents
		THE R. P. LEWIS CO., LANSING MICH. SPICE CO., LANSING MICH.					57,600 lbs per year
Service for							(corrected for double
TO Dualifeage		140H I Cold Ciliadi	paper	omedaea, recjoica	recycled	ACC GOMAI COID	32 cubic foot bin
Confidential 11B Service Provider	management and the contract of	Non residential	scrap metal	recycled	Recycled	0.2 estimated by owner	about once a year
85 Simplier		Non residential	cardboard	back hauled recycled Recycled	Recycled	10.4 estimate from supplier	400 lbs per week
or ordered		14011 Coldonidat	מני מסימו מ	back hadron, rooj area	. rooj oroo		200 200 200

Residential Poper recycling Residential Pastic Pasticular Residential Pastic Pasticular Residential Pasticula		0.6 records	Recycled	recycled	aluminum cans	Residential		B Private Recycler	83
Residential Won residential ppe Diversion Activity Sort by Activity Voight (in source) was ask and so the process of the real weight active and source of the real weight (in source) was ask and so the process of the real weight (in source) was ask and so the process of the real weight (in source) was ask and so the process of the real weight (in source) was ask and so the process of the real weight (in source) was ask and so the process of the real weight (in source) was ask and so the process of the real weight by imberline percentage was taken for Residential plastic tecycling Recycled 23.8 actual weights by imberline percentage was taken for Residential plastic tecycling Recycled 24.1 (a Recycled 24.1 (a Recycled 25.6 actual weights by imberline percentage was taken for Residential plastic tecycling Recycled 25.0 (a Recycled 26.0 (a Recycled			recycled					of the decision of the second	:
Residential metal type Diversion Activity Sort by Activity (not) Conversion factor and Material type Diversion Activity (not) Source Residential metal display expended (not) Source and (not) Source (n		records	Recycled	recycled		Residential		Private Recycler	<u>ــــ</u>
Residential Material type Diversion Activity Sort by Activity to Discoversion factor and Material type Diversion Activity Sort by Activity Tool Office Institute of the activity and activity to Discoversion factor and Mon residential metal recycled Recycled 10.5 manager's estimate plastic recycled Recycled 6.6 actual tons recycled Recycled 7.5.6 actual tons recycled Recycled 7.5.6 actual tons recycled Recycled 7.5.6 actual tons Recidential aluminum crap recycled Recycled 7.5.6 actual tons Recycled 1.3.8 actual tons Recycled 1.3.8 actual tons recycled 1.3.8 actual tons percentage was taken for percentage was taken for Residential aluminum craps recycling Recycled 1.1.9 Legont actual weights by Timberline percentage was taken for Residential plastic recycling Recycled 1.1.9 Legont actual weights by Timberline percentage was taken for Residential plastic recycling Recycled 1.1.9 Legont actual weights by Timberline percentage was taken for Residential plastic recycling Recycled 1.1.9 Legont actual weights by Timberline percentage was taken for Residential plastic recycling Recycled 1.1.0 Legont actual weights by Timberline percentage was taken for Residential plastic recycling Recycled 1.1.0 Legont actual weights by Timberline percentage was taken for percentage was taken for Recycled 1.1.0 Legont actual weights by Timberline percentage was taken for Recycled 1.1.0 Legont actual weights by Timberline percentage was taken for percentage was taken for Recycled 1.1.0 Legont actual weights by Timberline percentage was taken for Recycled 1.1.0 Legont actual weights by Timberline percentage was taken for Percentage was taken for Recycled 1.1.0 Legont actual weights by Timberline percentage was taken for Recycled 1.1.0 Legont actual weights by Timberline percentage was taken for Recycled 1.1.0 Legont actual weights by Timberline percentage was taken for Recycled 1.1.0 Legont actual weights by Timberline percentage was taken for Recycled 1.1.0 Legont actual weights by Timberline percentage was taken for Recycled 1.1.0 Legon		Actual weights	Recycled	recycling	glass	Kesidentiai		ob Curbside	
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Category Source Residential Non Residential Non residential Polarical type Diversion Activity Sort by Activity Non-Polarical Polarical Residential Polaric		11 Actual weights	Recycled	recycling	bimetal cans	Residential		Curbside	66
Residential Won Residential Won residential IVpe Diversion Activity Sort by Activity Vone)  Non residential racks Residential recycled Recycled Destruction and Residential recycled Recycled Recycled I manager's estimate Residential plastic recycled Recycl		112 Actual weights	Recycled	recycling	misc. paper	Residential	The state of the s	Curbside	66
Category Source Residential Won Residential Won residential material type Diversion Activity Sort by Activity Wonght (In source or man weep was said with a converse or man weep was said to so the passe of the conversion factor and wonghts was said wonght to some the conversion factor and wonghts was said to so the conversion factor and wonghts was said to so the conversion factor and wonghts or manager's estimate of the conversion factor and wonghts or manager's estimate or so the conversion factor and special plass or so the conversion factor and wonghts or manager's estimate or so the conversion factor and special plass or so the conversion factor and wonghts or so the conversion factor and special plass or so the conversion factor and wonghts or manager's estimate or so the conversion factor and the conversion factor and the conversion factor and wonghts or manager's estimate or so the conversion factor and the conversion factor of th		322.1 Actual weights	Recycled	recycling	пежѕрарег	Residential			66
Residential   Material type   Diversion Activity   Sort by Indicative   Sort by Activity   Sort   Sort by Activity   Sort   Sort by Activity   Sort		284.6 Actual weights	Recycled	recycling	cardboard	Residential		Curbside	66
Residential Material type Diversion Activity Sort by Activity tons)  Residential metal spay  Non residential racks recycled Recycled O.5 manager's estimate recycled Recycled Recycled O.5 actual tons  Residential plastic recycled Recycled O.5 actual tons  Residential aluminum scrap recycled Recycled O.5 actual tons  Residential aluminum scrap recycled Recycled O.5 actual tons  Residential aluminum cans recycling Recycled 13.8 actual tons  Residential bimetal cans recycling Recycled 13.8 actual tons  Residential aluminum cans recycling Recycled 11.9 Lakeport percentage was taken for percenta		4.4 Actual weights	Recycled	recycling	plastic bottles	Residential		66 Buy Back Center	
Residential Material type Diversion Activity Sort by Activity Material type Diversion Activity Sort by Activity Material Source Residential Inetal display Inetal display Inequal display Inetal display Inequal display in the Inequal display Inequal display in the Inequal display in the Inequal display Inequal display in the Inequal displa		42.9 Actual weights	Recycled	recycling	aluminum cans	Residential		Buy Back Center	66
Residential Material type Diversion Activity Sort by Activity tons) Conversion factor and Weight (In Source If the Activity Non-strong factor and material type between the plastic recycled Recycled Social tons adminishment of the plastic recycled Recycled Recycled Social tons adminishment recycled Recycled Recycled Social tons adminishment recycled Recycled Social tons recycled Recycled Recycled Social tons actual weights by Timberline percentage was taken for actual weights by Timberline percentage was taken f		85.6 Actual weights	Recycled	recycling	glass bottles	Residential		66 Buy Back Center	
Residential metal type Diversion Activity Sort by Activity tons)  Non residential metal type Diversion Activity Sort by Activity tons)  Non residential metal recycled Recycled Gactual vons)  Residential plastic recycled Recycled Gactual tons recycled Residential aluminum recycled Recycled Gactual tons Gactual weights by Timberline percentage was taken for gactual we		220.7 Lakeport	Recycled	recycling	white metal	Residential		59 Buy Back Center	(n
Residential Material type Diversion Activity Sort by Activity (nons) Please note factor and Weight (in Conversion factor and Conversion factor) please note final) plastic recycled Recycled Recycled 1 manager's estimate for Residential plastic recycled Recycled 6 actual forms recycled Recycled 75.6 actual forms for percentage was taken for actual weights by Timberline percentage was taken for percentage was taken for percentage was taken for actual weights by Timberline percentage was taken for percentage was taken for actual weights by Timberline percentage was taken for percentage was taken for percentage was taken for actual weights by Timberline percentage was taken for actual weights by Timberline percentage was taken for percentage was taken for percentage was taken for actual weights by Timberline percentage was taken for actual weights by Timberline percentage was taken for percentage was taken for actual weights by Timberline percentage was taken for percentag		percentage was taken for							
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Residential/Non Residential/Non Residential Ppe Residential Non residential Re	•	16   akanori	Recycled	recycling	nlastic	Residential		Buy Back Center	50
Residential Material type Diversion Activity Sort by Activity tons)  Non residential metal racks recycled Recycled Recycled 1 manager's estimate recycled Residential plastic recycled Recycled Residential aluminum scrap recycled Recycled Recycled 75.6 actual tons recycled Recycled Recycled Recycled Recycled Recycled 75.6 actual tons recycled Recycled Recycled Recycled 75.6 actual tons recycled Recycled Recycled Recycled 75.6 actual tons recycled Recycled Recycled 75.6 actual tons recycled Recycled 75.6 actual tons recycled Recycled 19.8 actual tons actual weights by Timberline percentage was taken for actual weights by Timberline percentage was taken for percentage was taken for percentage was taken for actual weights by Timberline percentage was taken for percentage was taken for actual weights by Timberline percentage was taken for actual weights by Timberline percentage was taken for percentage was taken for actual weights by Timberline percentage was taken for actual weights by Timberline percentage was taken for actual weights by Timberline percentage was taken for percentage was taken for actual weights by Timberline percentage was taken for actual weights by Timberline percentage was taken for percentage was taken for actual weights by Timberline percentage was taken for actual weights by Timberline percentage was taken for percentage was take		actual weights by Timberline							
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Residential/Non Category Source Residential Non residential Non residential Non residential Non residential Non residential Non residential Residentia				•	•	:			•
Residential Material type Diversion Activity Sort by Activity tone)  Residential metal display Non residential metal racks recycled Recycled Recycled Recycled Recycled Residential plastic recycled Recycled Recycled Recycled Residential aluminum recycled Recycled Recycled So.5 actual tons Residential copper and brass recycled Recycled Recycled T.8. actual tons recycled Residential aluminum recycled Recycled T.8. actual tons recycled Recycled T.8. actual weights by Timberline percentage was taken for percentage was taken for percentage was taken for actual weights by Timberline percentage was taken for percentage was taken for actual weights by Timberline percentage was taken for		actual weights by Timberline							
Category   Source   Residential   Material type   Diversion Activity   Sort by Activity   tons)   Weight (In source (if the actual weight was used.			Recycled	recycling	glass	Residential		59 Buy Back Center	(7)
pe of Category Source Residential Material type Diversion Activity Sort by Activity tons) Weight (In Source the actual weight was used. Weight (In Source the actual weight was used. Weight (In Source the Conversion factor and metal in the actual weight was used. Weight (In Source the Conversion factor and metal in the actual weight was used. Weight (In Source the In Source the Interior factor and weight was used. Weight (In Source the Interior factor and weight was used. Weight (In Source the Interior factor and weight was used. Weight (In Source the Interior factor and weight was used. Weight (In Source the Actual weight was used. Actual weight was used. Weight (In Source the Actual weight was used. Actual weight was used. Weight (In Source the actual weight was used.		percentage was taken for							
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P Non residential Plastic Plas			Recycled	recycling	cardboard	Residential		59 Buy Back Center	(h
P Center Category Source Residential Material type Diversion Activity Sort by Activity tons)  Non residential metal display  Non residential metal racks recycled Recycled Recycled 1 manager's estimate (in the category)  Residential plastic recycled So.5 actual tons Residential aluminum scrap recycled Recycled Recycled So.5 actual tons actual weights by Timberline Percentage was taken for actual weights by Timberline Percentage was taken for actual weights by Timberline actual weights actu		percentage was taken for		-					
Perator Category Source Residential Material type Diversion Activity Sort by Activity tons)    Residential Material type Diversion Activity Sort by Activity tons)   Weight (in source in the actual weight was used, metal isplay)		actual weights by Timberline			-				
p p K Center			Recycled	recycling	aluminum cans	Residential		Buy Back Center	59
p P Residential Plastic Center Residential Plastic Center Residential Residential plastic Residential Plastic Residential Plastic Residential Plastic Residential Plastic Residential aluminum recycled Activity Residential Plastic Residential Plastic Residential Aluminum recycled So.5 actual tons Residential Aluminum recycled Recycled Recycled So.5 actual tons Residential Burninum Recycled Recycled Recycled So.5 actual tons Recycled So.5 actual tons Proceed So.5 actual tons Proceed Recycled So.5 actual tons Proceed So.5 actual tons Proceed Recycled So.5 actual tons Proceed So.5 actual tons Proceed Recycled So.5 actual tons Proceed So.5 actual tons Proceed Recycled So.5 actual tons Proceed Recycled So.5 actual tons Proceed So.5 actual tons Proce		percentage was taken for							71, ,1
Ferator Category Source Residential Material type Diversion Activity Sort by Activity tons)  Non residential metal racks recycled Recycled 0.5 manager's estimate (Residential plastic recycled Recycled 6 actual tons (Center Residential aluminum scrap recycled Recycled 75.6 actual tons (Center Residential aluminum scrap recycled Recycled 1.3 actual tons (Center Residential aluminum scrap recycled Recycled 1.3 actual tons (Center Residential aluminum scrap recycled Recycled 1.3 actual tons (Center Residential aluminum scrap recycled Recycled 1.3 actual tons (Center Residential aluminum scrap recycled Recycled 1.3 actual tons (Center Residential aluminum scrap recycled Recycled 1.3 actual tons (Center Recycled 1.3 actual		actual weights by Timberline							
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P Center		percentage was taken for		- <u>-</u>				•	<del></del>
Fesidential/Non  Residential Material type  Residential Material type  Non residential metal racks  P  Residential metal racks  Residential metal recycled		actual weights by Timberline							
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Perator Category Source Residential Mon residential metal recycled Recycled Residential plastic recycled Recycl		13.8 actual tons	Recycled	recycled	aluminum scrap	Residential		48 Buy Back Center	
Perator Category Source Residential Material type Diversion Activity Sort by Activity tons)  Non residential metal display recycled Recycl		50.5 actual tons	Recycled	recycled	aluminum	Residential		48 Buy Back Center	
Residential/Non Residential/Non Residential/Non Residential/Non Residential/Non Residential Residentia		75.6 actual tons	Recycled	recycled	glass	Residential		48 Buy Back Center	
Residential/Non Residential/Non Residential/Non Residential/Non Residential/Non Residential Material type Residential Material type Diversion Activity Sort by Activity tons) Please note that: Proposed Non residential Recycled Recycled Recycled Recycled Non residential Recycled	12,024 lbs	6 actual tons	Recycled	recycled	plastic	Residential		48 Buy Back Center	
Residential/Non Residential/Non Residential/Non Residential/Non Residential/Non Residential/Non Residential/Non Residential Residential Residential Residential Residential Residential Residential Residential Residential Recycled	(estimated)	1 manager's estimate	Recycled	recycled	metal	Non residential		25 Tire Shop	
Conversion factor and  Weight (in source (if the actual weight was used, please note that.)  By Source (if the actual weight was used, please note that.)  Material type Diversion Activity Sort by Activity tons) please note that.)  Non residential racks recycled Recycled 0.5 manager's estimate	2,100 lbs per year of recycled metals								
Residential/Non  Residential/Non  Residential Material type Diversion Activity Sort by Activity tons)  Meight (in source (if the actual weight was used, please note that.)  Material display	· · · · · · · · · · · · · · · · · · ·	0.5 manager's estimate	Recycled	recycled	racks	Non residential		86 Supplier	
Conversion factor and Residential/Non Residential/Non Weight (in source (if the actual weight was used, Category Source Residential Material type Diversion Activity Sort by Activity tons)  Please note that.)				-	metal display			:	•
Conversion factor and	_	Weight (in source (If the actual weight was used tons)	Sort by Activity	Diversion Activity	Material type	Residential/Non		٦	Ref. #
	Quantification	Conversion factor and						1	

## City of Lakeport Origin Survey - 1999

45 Grocery Store	45 Grocery Store	45 Grocery Store	6 Grocery Store	6 Grocery Store	6 Grocery Store	42 Gas Station	44 Furniture Store	44 Furniture Store	15 Furniture Store	2 Furniture Store	Fast Food 53 Restaurant	41 Auto Supply	41 Auto Supply	23 Auto Supply	23 Auto Supply	Type of Generator Cate
Z		Z	Z		7	2	<b>Z</b>	· ·	Z		<b>Z</b>	z		Z	Z	Category Source
Non residential	Non residential	Non residential	Non residential	Non residential	Non residential	Non residential	Non residential	Non residential	Non residential	Non residential	Non residential	Non residential	Non residential	Non residential	Non residential	Residential/Non Residential
pallets	bread	food and damage containers	food waste	misc. tood (dated material)		food (outdated)	carpet	furniture	used furniture	used furniture	plastic	scrap metal - car	scrap metal	pallets	scrap metal	Material type
source reduction, backhauled, reused	back hauled, sold to outlets	lamaged materials exchange donated to seniors	source reduction - pig food	back hauled, sold to outlets	source reduction, backhauled, reused	back hauled donated for pig food, resale store and sandwiches are given to employees	materials exchange - donated	materials exchange - scavenging	materials exchange - picked up by scavengers	materials exchange furniture is set outside for people to take	given to customers	business source reduction - manufacturer for rebuilding	materials exchange, picked up by salvager and resold	source reduction, backhauled, reused	returned to page manufacturer for reuse	Diversion 'Accivity
Source Reduction	Source Reduction	Source Reduction	Source Reduction	Source Reduction	Source Reduction	Source Reduction	Source Reduction	Source Reduction	Source Reduction	e Source Reduction	Source Reduction	Source Reduction	Source Reduction	Source Reduction	Source Reduction	Sort by Activity
12 manager's estimate	1.7 manager's estimate	1.2 manager's estimate	52 owner's estimate	2.6 owner's estimate	4.0 owner's estimate	0.9 estimated	0.1 estimated by the owner	7.8 estimated by the owner	60 lbs a piece Diversion study guide 1999 Average from the 7.2 furniture listed	5.2 owner's estimate	0.7 business estimates	0 manager's estimate	0 manager's estimate	0.16 manager's estimate	0 manager's estimate	Conversion factor and Weight (in source (if the actual weight and please note that)
300 pallets a month	65 lbs per week	200 lbs per month	2,000 lbs per week	owner	100 pallets a week 40lbs a pallet	30 gallons per month 5 lbs per gallon	300 lbs per year	13 pieces a week at a 100 pounds a piece	ne 20 pieces a month 60 lbs a piece	200 lbs a week per owner	10 - 12 5 gallon jugs per week 30 lbs per week	200 lbs a week per owner	100 lbs per month	4 pallets/week @40# each	500 lbs every two weeks	Quantification grad, methodology used to calculate weight

## City of Lakeport Origin Survey - 1999

56 Retail Sales		55 Retail Sales			50 Retail Sales		50 Retail Sales		50 Retail Sales		32 Retail Sales		30 Retail Sales		.,	26 Retail Sales	Series Se	54 Public Agency		46 Public Agency		46 Public Agency		Confidential 8B Grocery Store	- 1	Confidential 8B Grocery Store	71 Grocery Store		71 Grocery Store	71 Grocery Store		57 Grocery Store	57 Grocery Store	?	57 Grocery Store			57 Grocery Store	Type of Ref. # Generator Category
																																		_	7				Source
Non residential		Non residential			Non residential		Non residential		Non residential		Non residential		Non residential			Non residential		Non residential		Non residential		Non residential		Non residential		Non residential	Non residential	:	Non residential	Non residential		Non residential	Non residential		Non residential			Non residential	Residential/Non Residential
pallets		toners			small appliances	7	nallets		outdated foods		pallets	:	scrap metal	-		delivery crates	7000	Daner		pallets		scrap metal		pallets		foodwaste	pallets		bread	food waste		containers	pallets		food waste		•	plastic buckets	Material type
backhauled, reused	source reduction,	to manufacturer	reduction reuse - sold	business source	for remanufacturing	reused sent back	backhauled reused	source reduction.	corporation donated	backhauled by	backhauled, reused	source reduction,	for reprocessing	to parts manufacturer	business source	backhanled rensed	source reduction	bookstore	materials exchange	backhauled, reused	source reduction,	remanufacturing	sent back for	backhauled, reused	source reduction	picked up by pig	backhauled, reused	source reduction,	donated to seniors	pig farmers	material exchange -	corporation, resold	backhauled, reused	source reduction,	farmers	picked up by pig	source reduction.	material exchange donated	Diversion Activity
Source Reduction		Source Reduction	<b>a</b>		Source Reduction		Source Reduction		Source Reduction		Source Reduction		Source Reduction	<b>-</b>		Source Reduction	Control I touronou	Source Reduction		Source Reduction		Source Reduction		Source Reduction	Composition	Source Reduction	Source Reduction		Source Reduction	Source Reduction		Source Reduction	Source Reduction		Source Reduction			Source Reduction	Sort by Activity
<b>0.08</b> Guide 1999	40 lbs a pallet Diversion Study	3.1 business estimates			0ೆ manager's estimate		1.2 manager's estimate		1.3 manager's estimate		2.4 manager's estimate		3.2 manager's estimate		• • •	 6 5 manager's estimate	C.F Commons	0.2 husiness estimates		4.0 manager's estimate		1.7 manager's estimate		0.6 estimate	r.e commune	20 petimate	1.6 Study Guide 1999	40 lbs per pallet Diversion	8.2 store estimate	72.8 estimated by the store		0.5 store estimate	<b>0.6</b> Guide 1999	40 lbs a pallet Diversion Study	2.6 owners estimate			0.2 owners estimate	Weight (in source (If the actual weight was used, tons)  please note that.)
piece	y 2 per week 40 lbs a	week	per cartridge 30 per	120 lbs per week 4 lbs	50 lbs per month	Caci		30 nallets/week @40#	50 lbs per week		40# each	60 pallets/week @	535 lbs per month			Diece a	5 a week 50 lbs a	400 lbs per year of		40 lbs a pallet	100 pallets a month	part cores	3,500 lbs per year car	15 a year	A tolla a year	o tops	40 per day		315 lbs per week	400 lbs per day		20 lbs per week	15 pallets per week	- 1	100 lbs per week		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 lbs per week	methodology used to calculate weight

tire reuse patched and sold for used tires Source Reduction reuse made into blocks for use at a landfill to prevent wind erosion Source Reduction		-
SS	blocks to block	Waste Tire Products
	Non residential tires and s	Total Tire Recycling
backhauled for reuse Source Reduction	Non residential cardboard back	86 Supplier
source reduction, backhauled, reused Source Reduction	Non residential pallets back	85 Supplier
reprocessed & reused Source Reduction backhauled, donated Source Reduction	Non residential plastic barrels repro	Confidential 11B Service Provider Confidential 8A Service Provider
feused sent back for remanufacturing Source Reduction	Non residential car part cores for re	Confidential 11 Service Provider
materials exchange – donated to schools Source Reduction	Non residential paper dona	14 Service Company
business source reduction - reuse for wrapping and packing Source Reduction	busir redu Non residential paper wrap	52 Retail Store
sent back for Source Reduction	Scrap metal parts sent Non residential & cores rema	51 Retail Store
scavenger and sold Source Reduction	tin &	51 Retail Store
source reduction, backhauled, reused Source Reduction		17 Retail Store
materials exchange Source Reduction	Non residential clothing mate	Confidential 9 Retail Sales
ackaging mers'		-
materials exchange Source Reduction	Non residential furniture materi	Confidential 12 Retail Sales
	white goods	67 Retail Sales
repaired and resold Source Reduction	Non residential white goods repai	61 Retail Sales
Conversion factor and Weight (in source (If the actual weight was used Diversion Activity Sort by Activity tons)	Residential/Non Residential Material ∯p⊜ Div	Type of Ref. # Generator Cಾಕ್ಟ್ರಾರ್ಟ್ Source

## City of Lakeport Origin Survey - 1999

						•		
that didn't have ads 35 tons per galage sale 1999 estimated 3 per week Diversion Study Guide number 180 garage sales a 63 of sales estimated year	Source Reduction	materials exchange	misc items	Residential			87 Yard Sales	:
35 tons per garage sale Counted the a	Course regardion	materials exchange	Illioc. Icollia	Kosidolidai			OT A HILLIA CASIC	
	Source Reduction	materials exchange	misc items	Residential			84 A Thrift Store	
	Source Reduction	materials exchange	misc. items	Residential			83 A Thrift Store	
Diversion Study Guide 1999 1,245 sq. feet *  34.8 (most conservative average) per year	Source Reduction	materials exchange	misc. items	Residential			82 Thrift Store	
Diversion Study Guide 1999 feet at .04 sq. ft 53.6 (most conservative average) year	Source Reduction	materials exchange	misc. items	Residential			75 Thrift Store	
.04 tons per sq. foot per year Diversion Study Guide 1999 (most conservative number 183.6 was used) 4,590 sq. foot	Source Reduction	materials exchange	misc. sales	Residential			27 Thrift Store	
Conversion factor and Quantification Weight (in source (if the actual weight was used, methodology used tons)  please note that.) to calculate weight	Wei Sort by Activity to	Diversion Activity	Material type	Residential/Non Residential	Source	Category	Type of Generator	Ref. #

#### STATE OF CALIFORNIA

#### CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

#### **Base Year Modification Request Certification**

#### Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board Office of Local Assistance 1001 I Street, 9th Floor PO Box 4025 Sacramento, CA 95812-4025

#### General Instructions:

Please select the ONE choice below that best explains your request to the Board.
☑ 1. Use a recent generation-based study to calculate our current reporting-year
generation amount, but not officially change our existing Board-approved base year
<ul> <li>2. Use a recent generation-based study to officially change our</li> </ul>
existing Board-approved base year to a new base year.
The shaded cells on these sheets are protected, if you have problems
using these sheets, please contact your Office of Local Assistance representative.

Section	l: Jurisdiction Information	and Certificat	tion					
All respond	lents must complete this section.							
	ider penalty of perjury that the	information in th	is docume	nt is true and corr	ect to the best of my			
knowledge	e, and that I am authorized to i	make this certific	ation on be	half of:				
Jurisdiction I	Name		County	· · · · · · · · · · · · · · · · · · ·				
CITY OF L	_AKEPORT		LAKE					
Authorized S	ignature		Title	CITY ENGINE	ER			
exI	Sound							
Type/Print N	ame of Person Signing		Date	PI	none ( ) Include Area Code			
M. K. STEVE	ENSON		18-Dec-01	07) 263-5614				
Person Com	pleting This Form (please print or type	*)	Title ADMINISTRATIVE ASSISTANT					
IREHNE E. [	DISHMAN			**-				
Affiliation:	CITY OF LAKEPORT							
Mailing Addr	ess	1 7	City	State	ZIP Code			
225 PARK S	TREET	LAKEPORT		CALIFORNIA	95453			
E-mail addre	ss <u>srcetech@pacific.nel</u>	<u> </u>		<u> </u>	<b>-</b>			

Auach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4).

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base-year:

2. Proposed new generation-based study year.

2.000

2. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

In regard to the quantity, amount is more adequately documented by actual weights and self haul origin verification than that reported by the County of Lake. In regard to the diversion quantity, diversion programs at businesses not using the franchise provided programs were identified and counted.

Diversion rate calculated using existing base year	a. 18.5%*	Diversion rate calculated using new generation-based study	b. 48.3 %
For existing base year pounds/person/day based on generation	8.41	For new generation based study pounds/person/day based on generation	11.3
Residential Non-Residenti	al 40 %	Residential Unkn 4 Non-Residential Unkn generation own 9 generati	

5. In there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.

The City of Lakeport is a commercial center for Lake County. The 1990 Base Year Data did not take into account all the wastes generated and diverted by businesses not using the Franchise Services or public diversion opportunities that were available at the time. The increase in the Lbs/person/day reflects the large commercial volume of wastes that are generated; private diversion efforts, driven by economics, are chiefly responsible for the large amounts and high percentages of materials being diverted.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

Reasons for the diversion difference include: 1) Waste origin errors. 2) Inaccurate disposal quantity amounts, 3) Inaccurate waste generation amounts. 4) More accurate assessment of the quantity of materials diverted. 5) Improved diversion programs.

\*4.a. 1990 diversion rate = 
$$100\% \left(\frac{1-5509}{6763}\right) = 18.5\%$$

Attachment 2a (Revised)

Agenda Item 48

		b. All bons claimed are from a 100 percent and self-heal formage. (Please complete Reporting Year Tonnege Request and Modification sheet found at http://www.clwmb.ca.gov/flocenteet/formary/nminding.doc)	
		ca.gov/lgoen&at/lo	nyfinmdrq.doc)
		htp://www.chemb.	c. Some Disposal Reporting System data were consided. (Please complete Reporting Year Tonaage Modalication Request and Certification sheet found at hilp://www.ciemb.ca.gov/lgcsn/rau/forms/rymmdrq.doc.)
		ion sheet found a	Акуми семтв.са.ş
4891 Tons	Total	lification Certifical	heet found at hilp:
<b>7</b>		Request and Mod	and Centification si
		n a.) ng Year Tonnage	dication Request a
	Non-Residential he required (ables:	oomplets Report	er Formage Mod
	Residential  Non-Residential Please select the ONE discrete below that best explains your disposal data and complete the experient beloas.  All tons delined are found the Phand's Discrete Benowing Select Management of the selection of the selec	ury expression required, but to section by self-ionnage, (Please complete Reporting Ye	Mete Reporting Ye
	Residential Reside	ruler and self-heat	cled. (Please com
	Ry explains your e Dismosal Re	ent audit of he	ata were cours
r yalues)	e below that best s form the Boand	e from a 100 pew	oorling System d
Disposal Tonntge: (enter values)	tthe ONE choica lons daimed are	tons claimed an	me Olsposal Rej
7. Disousal	Please selec	☐ b.All	E) 50

\*

8. In the teble below, list the summarised diversion data records that support your claim and are available for Board awdil. (Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested) include type of record and location—for example, weight bears from transfer stations. This sociola should capture all diversion formwill perform will perform all addition calculations). If any diversion is from restricted wastes, faginally all etc.), white goods, and accept metally please programs/waste types and fill out section 10. Please mark as Attachment 8 all copies of survey towns.

\*Please provide detailed Non-Residential waste information in Section 9.

Piesse provide detailed non-Residential waste audit information in Section 9.

Note: The Board has indicated that I will be secrutional board to be a control of Relative Percent is Specific maintainted with the part of the control of Relative Percent is Specific maintaints of the control of Relative Percent is Specific maintaints in the control of Relative Percent is Specific maintaints in the control of Relative Maintaint is an annual of the control of Relative Maintaint is an annual of the control of Relative Maintaint is an annual of the control of the con Backyard compositing
Grasscycling
Grasscycling
Other Residential source reduction (disteach program separately) (Arriotal Generation) 3 Please use the Board's program types, The program type glossary is online at: hitp://www.chenty.ca.gov/lgoentra/lpais/ kodestreduce.lkm Source Reduction Recycling Enterprogram name Subtotal Residential Source Enter program name Enter program name Enter program name Residential Activilies: Curbside Recycling Enter program name Buyback centers Orop-off centers Reduction

\* See Attachment A

e (ent. *: siv.sa): 3277 1614 1614 1614 1615 1615 1615 1615 1615	Residential Non-Residential Total	Please select the ONE choice below that best explains your <b>disposal</b> data and complete the required tables.	a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)	b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification Sheet found at www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc)	c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/rythmdrq.doc)
7. Disposal Tonnage (ent್ ೯ ಕಾಲ್ಯೂಕ):		Please select the ONE choice below that bea	a. All tons claimed are from the Boar	□ b. All tons claimed are from a 100 pe	C. Some Disposal Reporting System

8. In the table below, list the summarized diversion activities, and diversion data records that support your daim and are available for Board audit. Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested. Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, agricultural wastes, incrt solids [e.g., concrete, asphalt, dirt,] white goods, and scrap metal, please identify those programs/waste types and fill out Section 10. Please mark as Attachment 8 all copies of survey forms.

\*Please provide detailed Non-Residential waste information in Section 9.

alls subsantiating your Claim.  Type of Record and Location of Record					Franchise Hauler Buyback Center Timberline - percentage was taken for Lakeport
nounts greater than 5% of total generation. Please be prepared to provide additional details subsantiating your claim. Type(s) [List operation windthips materials. Specific Conversion Factor Used (if any) and Source. In one bod). In one bod).		Used most conservative figures in the 1999 Diversion Study Guide.	0.35 tons/yard sale - Diversion Study Guide 1999		Actual Tons Actual Tons Actual Tons
Preduction amounts greater than 5% of total gene Specific Material Type(s) (List operation wimultiple materials) (In one bod)		Misc. Items	Misc. Items		Cardboard, Paper, Cans, Plastic, Glass, and fires Aluminum, Glass and Plastic Aluminum, Cardboard, Glass, Paper, Plastic & Scrap Metal
III be scrutinizing total source reduction am Actual tons Relative Percent to Specific Hashral Total Generation (A/Total) Generation (A/Total)	000	ist each program separately 188 2.0%	77 0.08%	265: 2.8%	1008 10,7% 304 3,2% 188 2,0%
Note: The Board has indicated that it will be scrutinizing total source reduction am  Actual tons Relative Persent to Sectific Habrial Total Generation Please use the Board's program types: The program type glossary is online at www.clwmb.ca.gov/LGCentraiPens/Co des/Reduce.htm	Residential Source Reduction Activities Backyard composting Grasscycling	Other Residential Source Reduction (list each program separately) Thriff Stores 188 2.0%	Yard Sales Enter program name Enter program name Enter program name	Subtotal, Residential Source Reduction Residential Recycling Activities	Curbside Recycling  Buyback Centers  Drop-off Centers

Diversion Activity	Actual tons		Relative Parcetit to Specific Material Type: 3 f. set operation winutiple materials. Total Generation 3	v/muttiple materials	Specific Conversion	Specific Conversion Factor Used (If any) and Source	Type of Record at	Type of Record and Lecation of Record
Please use the Board's program types.		(A/Total						
The program type glossary is online at:  www.ciwmb.ca.gov/LGCentral/Pans/Co	Š	Generation)						
Non-Residential Waste Audits*	1139	12.1%	See Section 9	100	Š	See Section 9	SeeS	See Section 9
Other Non-Residential Recycling (list each program separately)	t each prograf	m separately)			- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1			A
Enter program name								
Enter program name								
Enter program name								
Enter program name								
Subtotal Non-Residential Recycling	107 177	12.0%						
Non-Residential Composting								
Non-Pasidania Masto All Ma	775	% O G	Saa Saction 9			See Section 9	S. 88 S.	See Section 9
Other Non-Residential Composting (list each program separately)	list each prog	ram separately)	30					200 A
Enter program name								
Enter program hame								
Enter program name								
Enter program name			And the second s					
Subtotal Non-Residential	4 1						(1. v.	
Сотрозинд	275	2.9%	100 CO					
Subtotal Nor-Residential Diversion	1980	20.9%						
Residential/Non- Residential					11110			
Diversion Activities ADC	100 100 100 100 100 100 100 100 100 100					many structure deligending in the language in the language.		
Sindge								
Scrap Metal	241	2.5%		A CONTRACTOR OF THE CONTRACTOR				
Landfill Salvage		e de la companya de l						
Subtotal Residential/				100000000000000000000000000000000000000				
Non-Residential Diversion	241	2.5%						
Total Res/Non-Res Source Reduction Tous	No.	8						
Total Diversion Tons	4564	48.3%						
Total Disposal Tons from Sec.7	1891	51.7%						Section 2
	Section 1	orien Maria Maria						
Total Generation Tons (Div+Dis)	9456							
Diversion Rate	48%							

8. Specific Non-Residential Sector Waste Audits-Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

[Form will perform all addition calculations].

Please provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources. (e.g. Cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business)

\*food waste; cardboard, paper, plastic, cooking oil, bones and fat See the next page for the diversion quantification methodology.

# 2000 SOLID WASTE DIVERSION QUANTIFICATION METHODOLOGY

# Quantification Methodology

- on the business. The business managers know the weight of a bale and the average number of bales that are produced over a given period of time. Cardboard is picked up from 1. Cardboard - Each of the major businesses has its own cardboard baling machine; there is no standard bale size and the bale weights vary from 300 lbs to 800 lbs, depending the businesses by OCC salvagers who self the OCC to pulp mills. In some cases the actual weight of cardboard was provided.
- 2. Green Food Wastes The weights of green food wastes and the frequency of generation are estimated by the store managers. The wastes are picked up almost dally by animal growers. Some green food wastes are composted by generator #48.
- 3. Coolding Oil The cooking oil volumes and frequencies of generation are provided by the store managers. The volume is converted to a weight by using 7.45 lbs/gal which is a number provided by the Diversion Study Guide. Cooking oil is picked up by a randering company.
- 4. Bones and Fat The weight of bones and fat generated over a specific period of time is estimated by the store manager. Bones and fat are picked up by a rendering
- 5. Dated Foods and Food in Damaged Containers The weights of the dated/damaged foods are estimated by the store managers. These Items are donated, given to needy customers, used for animal food, and even sold to discount outlets.
- 6. Grass, Straw, and Leaves, The weights for these materials are based on recorded volumes or by estimates of business managers. The volumes are converted to weights by using conversion factors provided in the Diversion Study Guide. The following conversion factors are used:

Straw in bales 24 lbs/ft<sup>3</sup> Grass clippings 280 lbs/yd<sup>3</sup>

Leaves 343.7 lbs/yd³

Decause 1) of the number of refrigerators involved (refrigerators are heavy), 2) a review of appliance weights shown in the Diversion Study Guide, 3) the need to be conservative 7. Appliances - The numbers of appliances and the frequency of generation were provided by the store managors. An average weight of 100 lbs per appliance was selected with the estimated average unit weight, and 4) the experience of the manager. Some appliances are repaired and sold as used while others are sent to recycling.

General Note: All reported quantities and weights along with the name of the person providing the data are documented on the survey forms that were filled out when the

- 10. For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concreter, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program, please provide the following information:
- a. If the diversion program started on or after January 1, 1990, complete the following table.

**Note**: program name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept.".

Restricted Waste Type	Specific Program Name	Year Started	Tonnage
Pue Down for Waste Types 🔻			241
Poll Or wn for Waste Types  ▼			
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			

- **b**. If the diversion program started before January 1, 1990 and if documentation on the program and waste type has not been approved by the Board on a separate sheet marked "Attachment 10b", provide the documentation that indicates:
- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (**Note**: this criterion is applicable to the entire jurisdiction, not to individual programs (PRC sec. 41781.2 [c] [2]). Please include documentation.
- That the jurisdiction is implementing, and will continue to implement, the diversion programs in its source reduction and recycling element.

Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of previously submitted information.

(Date)

if documentation is not available, go to 10d. e. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but

not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Ty	pe	Specific Program Name	New Base Year or Reporting Year Diversion Tonnage
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		
Pull Down for Waste Types	<b>V</b>		
Pull Down for Waste Types	₩		
Pull Down for Waste Types	~		

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. **Note**: Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Tonnage	1990 Diversion Tonnage	Difference
⊇ull ∷own for Waste Types ▼				
Pull Down for Waste Types				
Pull Down for Waste Types				
Pu∈ Dova for Waste Types - ▼				
Pull Down for Waste Types	,			
Pull Down for Waste Types			·	

	г	г	1		_	г	1	1	·····	····		<del></del>					<del>,</del>		<del></del>	7
7 Grocery Store	7 Grocery Store	7 Grocery Store	7 Grocery Store	7 Grocery Store	7 Grocery Store	7 Grocery Store	7 Grocery Store	7 Grocery Store	6 Distributor	6 Distributor	6 Distributor	6 Distributor	5 Bank	5 Bank	4 Restaurant	3 Bakery	2 Distributor	1 Furniture Store	Ref. # Type of Ju	
																			June 18-19, 2002	Board Meeting
																			Source	
nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	Residential/no	
bones & fat	stale baked items	food waste	cooking oil	stale bread	food & damaged containers	plastic	cardboard	misc. food (dated material	stale foods	misc. food (dated material)	plastic	cardboard	toner cartridges	misc. paper	cooking oil	left-over food	misc. paper	old furniture	Material type	
recycled - rendering	source reduction - animal food	source reduction - animal food	recycled - rendering	source reduction - back hauled, sold or donated	source reduction - back hauled, resold, or donated	recycled	recycled	source reduction - sold or donated	source reduction animal food	source reduction - sold to outlets	recycled	recycled	recycled	recycled	recycled - rendering	source reduction given to community	recycled	set outside for people to take	Diversion Activity	Origin Survey - 2000
6.5	5.475	15.6	2.682	1.82	5.2	0.67	368	3.2	0.52		0.52	20.8	0.0005	2.9805 none	6.018	0.5475	20.8	ر ن د	Weight (in tons)	
nanager's estimate	manager's estimate	manager's estimate	2.682 7.45 lbs/gal - Diversion Study Guide	1.82 manager's estimate	manager's estimate	22.55 lbs/yd3 - Diversion Study Guide	365 manager's estimate	manager's estimate	manager's estimate	1.56 manager's estimate	0.52 manager's estimate	20.8 manager's estimate	manager's estimate	none	6.018 7 45 lbs/gal	0.5475 manager's estimate	20.8 manager's estimate	5.2 100 lbs/couch - manager's estimate	Conversion factor and source (if the actual weight was used, please note that.)	
250 lbs/week	30 lbs/day	600 lbs/week	60 gal/month - manager's estimate	70 lbs/week	200 lbs/week	1-33 gal bag/day - manager's estimate	2-1/2 bales/week @800 lbs/bale	125 lbs/week	20 lbs/week	60 lbs/week	20lbs/week	800 lbs/week	10/year @4 lbs each	actual tonnage reported	2 yd³ bin/every 3 mos.	3 lbs/day	800 lbs/week	2 couches/week - manager's estimate	Quantification methodology used to calculate weight	Agenda Item 48

> City of Lakeport Origin Survey - 2000

20 D	38 R	37 Retail	37 R	36 R	36 Retail	36 R	36 R	36 R	35 P	35 P	34 R	34 R	32 G	32 G	31 F	31 F	30 E	30 B	Ref. #
39 Restaurant	Retail	etail	Retail	Retail	etail	Retail	Retail	Retail	Public Agency	Public Agency	34 Retail Sales	Retail Sales	Grocery Store	Grocery Store	Furniture Store	31 Furniture Store	30 Buy Back Center	Buy Back Center	Type of Generator
																	1		Category
																			Source
nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	residential	residential	Residential/no nresidential
cooking oil	toner cartridges	wheel weights	scrap metal	green waste/plants	coded boxes	white goods	misc. paper	cardboard	leaves	grass	wheel weights	scrap metal	old bread	food & damaged containers	carpeting	used furniture	plastic	glass	Material type
recycled - rendering	recycled	recycled	recycled	source reduction	source reduction	source reduction	recycled	recycled	composting	composting	recycled	recycled	source reduction - donated	source reduction - donated	source reduction - donated	source reduction - furniture is set outside for people to take	recycled	recycled	Diversion Activity
	1.04	1.2		1	1.3	0.5	1.3	26	2.7	80.6	0.7	1.36	1.83		0.15		6.32	121.92	Weight (in tons)
6 manager's estimate	1.04 manager's estimate	manager's estimate	2 manager's estimate	1.3 manager's estimate	1.3 manager's estimate	0.5 manager's estimate	1.3 manager's estimate	26 manager's estimate	343.7 lbs/yd³ - Diversion Study Guide 1999	2.80 lbs/yd³ - Diversion Study Guide <b>80.6</b> 1999	0.7 manager's estimate	1.36 906 lbs/yds <sup>3</sup> - Diversion Study (3uide	1.82 manager's estimate	manager's estimate	0.15 manager's estimate	7.8 manager's estimate	none	121.92 none	Conversion factor and source (if the actual weight was used, please note that.)
1000 lbs/month	10/week, 4 lbs each	200 lbs/month	1000 lbs, 4 times/year	50 lbs/week	50 lbs/week	1000 lbs/year	mags. 50 lbs/week, cards 100 lbs/year	1000 ibs/ week	16 yds³/year	24 yds³/week for 6 months	20 gal/year @70 lbs/gal	1 cu yd 3 times/year - manager's estimate	70 lbs/week	20 gal/month	2 rolls @150 lbs each	3 pcs/ week @100 lbs each	actual tons	actual tons	Quantification methodology used to calculate weight

Origin Survey - 2000

Agenda Item 48
Attachment 2a (Revised)

46 Retail 45 Private Recycler 44 Thrift 43 Retail 41 Grocery Store 45 Private Recycler 43 Retail 42 Restaurant 41 Grocery Store 41 Grocery Store 41 Grocery Store 41 Grocery Store 40 Distributor 39 Restaurant Ref.# Generator Type of Board Meeting June 18-19, 2002 Category Source nonresidential white goods residentia nonresidential nonresidential nonresidential nonresidential nonresidential nonresidential residential residential nonresidential nonresidential nonresidential nonresidential nonresidential nonresidential Residential/no nonresidential nonresidential nonresidential nresidential bones, fat, trim range hoods plastic cooking oil old bread cooking oil plastic buckets misc. paper plastic buckets paper white goods scrap metal green food waste date foods aluminum cans newspaper cardboard misc. paper misc. items damaged or due Material type source reduction - animal food recycled source reduction donated source reduction - sold or source reduction - sold or recycled - rendering source reduction source reduction recycled recycled recycled recycled recycled - rendering recycled - rendering recycled recycled recycled recycled recycled **Diversion Activity** Weight (in | Conversion factor and source (if the 0.094 Guide 2.235 7.45 lbs/gal - Diversion Study Guide 133.9 the Diversion Study Guide 0.78 manager's estimate 31.2 manager's estimate 3.87 7.45 lbs/gal - Diversion Study Guide 1.17 manager's estimate 0.5 manager's estimate 0.1 manager's estimate 2.6 manager's estimate 2.6 manager's estimate 2.6 manager's estimate 0.2 manager's estimate 2.6 manager's estimate 5.2 manager's estimate 0.6 owner's records 7.5 manager's estimate 60 Guide 1999 (conservative average) 11 owner's records used the most conservative figures in 200 lbs/appliance Diversion Study 0.3 lbs/container - Diversion Study actual weight was used, please note that.) Quantification methodology used to 20 lbs/ week 3 each 400 lb bales/week 10 to 15 containers/week - manager's 20 gal/week -manager's estimate 45 lbs/week 200 lbs/week estimate 5 to 6 units/month @250 lbs/each 50 units/month - Diversion Study Guide 50 lbs/month - 10 at 5 lbs/unit 50 gal/month - manager's estimate 30 lbs/week actual tons  $3348 \text{ ft}^2 \times 0.04 \text{ tons/year/ft}^2$ 100 lbs/week 10 lbs/week 100 lbs/week actual tons 100 lbs/week 100 lbs/week calculate weight

City of Lkpt-All Generators 2000

# City of Lakeport Origin Survey - 2000

# Agenda Item 48 Attachment 2a (Revised)

Page 6

52	O	3	52	52	51	50	50	ပ	5	49	4.00	48				48	48	48		٧ .	Ref.#
Self-haul Drop-off	52 Self-naul Drop on		Self-haul Drop-off	Self-haul Drop-off	Restaurant	50 Retail	50 Retail	SO Retail		Thrift	48 Grocery Store	Grocery Store	Grocery Store	Grocery Store	Grocery Store	Grocery Store	Grocery Store	48 Grocery Store	Grocery Store	Retail	Type of Generator
															-						Category
																					Source
residential		residential	residential	residential	nonresidential	nonresidential	TOTTLESIDEIMA		nonresidential	residential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	nonresidential	Residential/no nresidential
mixed paper	G. C.		cardboard	aluminum	cooking oil	toner cartridges	used writte goods source	white goods	white goods	misc. items	food outside code date	produce	bread	meat waste bones & fat	damaged or due date foods	cooking oil	old food	plastic	cardboard	misc. paper	Material type
recycled		recvcled	recycled	recycled	recycled - rendering	recycled	Source Legacion Lebanea or resona	recurse reduction-repaired & resold	recycled	source reduction	source reduction - donated	composted	source reduction	recycled - rendering	composting	recycled - rendering	source reduction - pig farmers	recycled	recycled	composted	Diversion Activity
59.6		35.1	59.9	12.8	3.0433	0.012		52	36.4	53.6	36.5	101.0724 none	7.8	<b>19.5052</b> none	0.78	3.874	73	<b>4.61032</b> none	202.14481 none	0.208	Weight (in tons)
59.9 none		none	59.9 none	12.8 none	3.0433 7.45 lbs/gal - Diversion Study Guide	0.012 manager's estimate		52 manager's estimate	36.4 manager's estimate	most conservative number - Diversion Study Guide 1999	36.5 manager's estimate	none	7.8 manager's estimate	none	0.78 manager's estimate	7.45 lbs/gal - Diversion Study Guide 1999	73 manager's estimate	none	none	0.208 8 lbs/32 gal - Diversion Study Guide	Conversion factor and source (If the actual weight was used, please note that.)
percentage was taken for Lakeport		percentage was taken for Lakeport	percentage was taken for Lakeport	percentage was taken for Lakeport		12/year 55 gals/3 to 4 weeks - manager's		20/week @100 lbs each	14/week @100 lbs each	1339 ft² - 0.04 tons/year/sq ft	200 lbs/day	actual tons	300 lbs/week	actual tons	30 lbs/week	80 gal/month - manager's estimate	400 lbs/day	actual tons	actual tons	32 gal/week - manager's estimate	Quantification methodology used to calculate weight

Origin Survey - 2000 City of Lakeport

Ref.#

June 18-19, 2002 **Board Meeting** 

> Attachment 2a (Revised) Agenda Item 48

> > Page 2

14 Retail 20|Service Company 18 Retail Sales 19 Thrift 18 Retail Sales 16<mark>|Thrift</mark> 15 Distributor 15 Distributor 13 Furniture Store 12|Service Company 12 Service Company 11|Thrift 10 Public Agency 14 Retai 10 Public Agency 15|Distributor 9 Retail 9 Retail 8|Restaurant Generator Category Source nonresidential Residential/no nresidential plastic miscellaneous jet ski engines cardboard leaves miscellaneous paper paper miscellaneous grass micro materials motorcycle engines source reduction food waste cardboard used furniture unsold clothing cooking oil (shelves) scrap metal rubber boots misc. paper and Material type source reduction outside for people to take source reduction materials exchange animal food source reduction - used for source reduction - reuse for exchange recycling product distribution recycled - back hauled source reduction - furniture is set source reduction - donated source reduction - materials composting - mulch compost pile source reduction - donated source reduction - donated recycled - picked up by salvager recycled composting - mulch compost pile recycled - rendering **Diversion Activity** Weight (in 0.86666 manager's estimate tons) 81.05 actual tons 30.41 Diversion Study Guide 1999 183.6 conservative figure 0.75 actual - per manager 0.11 actual - per manager 77.6 conservative figure 52.5 manager's records 54.6 manager's estimate 0.65 manager's estimate 0.15 manager's estimate 0.25 manager's estimate 7.26 1999, average from the furniture listed | behind store to be taken 49.8 1999 Diversion Study Guide 3.1 manager's estimate 1.5 manager's estimate 2.4 Guide 1999 2.4 7.45 lbs/gal - Diversion Study Guide 15 manager's estimate Diversion Study Guide - used the most Diversion Study Guide - used most 60 lbs/piece - Diversion Study Guide Used most conservative figures in the 343.7 lbs per cubic yard for dry leaves-280 lbs per cubic yard Diversion Study Conversion factor and source (If the actual weight was used, please note that.) Quantification methodology used to actual tons 3000 lbs/year = 175 lbs, 600 bales/year 84,000 bxs/year; 140 bxs/bale; wt./bale 3.5/600 ib bales/week 2 pcs/year donated; 20 pcs/month left 25 lbs/week documents 17 cu yds of grass/year-manager's 4590 sq ft of floor @0.04 tons/year/ft² 220 lbs total donated to Voc. Ed. Class 300 lbs/year of books & maps 1500 lbs total donated to Voc. Ed. Class 1941 sq ft of floor @0.04 tons/year/sq ft 177 cu yds of leaves/year.-manager's 500 lbs/year 30,000 lbs/year (one-time donation) 120 lbs/week 100 lbs every three weeks of 1245 sq ft of floor @0.04 tons/year/sq ft estimate 100 gal every 2 months - manager's calculate weight

City of Lkpt-All Generators 2000 12/12/01

30 Buy Back Center 29 Hauler/Curbsdie 27 Printing 28 Service Company 28 Service Company 27 Printing 26 Public Agency 25 Bank 25 Bank 24|Retail 23|Retai 23 Retail 22|Restaurant Ref.# Franchise Franchise Franchise Franchise Franchise Franchise Franchise Generator Type of Board Meeting June 18-19, 2002 Category Source residential residential residential residential residential residentia residential residential nonresidential nonresidential toner cartridges nonresidential nonresidential nonresidential nonresidential nonresidential nonresidential nonresidential nonresidential nonresidential Residential/no nresidential aluminum tires glass toner cartridges paper cardboard food oil plastic cans paper newspaper litho film misc. paper green waste aluminum green waste cardboard cardboard Material type recycled recycled recycled in Orland composting recycled recycled recycled source reduction -- donated recycled recycled recycled recycled composting recycling - rendering recycled recycled recycled recycled recycled Origin Survey - 2000 **Diversion Activity** Weight (in Conversion factor and source (If the tons) 0.9009 77 lb/gal - Diversion Study Guide 338.57 none 501.05 none 438.14 none 21.16 none 0.036 manager's estimate 0.075 manager's estimate 218.4 manager's estimate 22.35 7.45 lbs/gal - Diversion Study Guide 47.01|none 1.395 none 9.76 25.1 none **12.6** none 0.2 manager's estimate **7.5** none 1.3 manager's estimate **57** none 1.3 manager's estimate actual weight was used, please note that.) Agenda Item 48
Attachment 2a (Revised)
Quantification methodology used to 3 per month @2 lbs each 1000 gal every 2 months - manager's estimate actual weight 50 lbs/week 50 lbs/week 45 gal/week - manager's estimate actual tons actual tons actual tons actual tons actual tons 400 lbs/year actual weight actual weight 100 cartridges each/year @1.5 lbs each 8400 lbs/week actual tons actual tons - to Orland actual tons calculate weight

City of Lkpt-All Generators 2000 12/12/01